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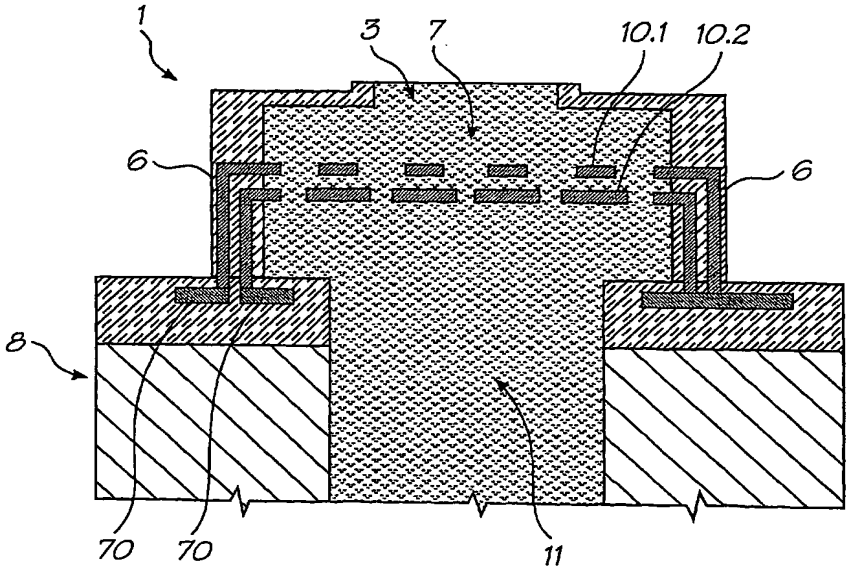
(54) Title: STACKED HEATER ELEMENTS IN A THERMAL INK JET PRINTHEAD



(57) Abstract: There is disclosed an ink jet printhead which comprises a plurality of nozzles (3) and one or more heater elements (10) corresponding to each nozzle (3). Each heater element is configured to heat a bubble forming liquid in the printhead to a temperature above its boiling point to form a gas bubble (12) therein. The generation of the bubble causes the ejection of a drop of an ejectable liquid (such as ink) through the respective corresponding nozzle, to effect printing. The printhead has a plurality of nozzle chambers (7) each corresponding to a respective nozzle, with a plurality of the heater elements being disposed within each chamber. The heater elements within each chamber are formed on different respective layers to one another.

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